

# TABLE 1

ILLUMINATION NA : 0.5	→	FOCAL DEPTH : $\pm 10\mu\text{m}$
ILLUMINATION NA : 0.1	→	FOCAL DEPTH : $\pm 50\mu\text{m}$
ILLUMINATION NA : 0.05	→	FOCAL DEPTH : $\pm 100\mu\text{m}$
ILLUMINATION NA : 0.02	→	FOCAL DEPTH : $\pm 250\mu\text{m}$

# TABLE 2

DIRECTION		LIGHT SOURCE ETENDUE : SMALL COMMON FLY-EYE LENS			LIGHT SOURCE ETENDUE : SMALL COMMON FLY-EYE LENS		
		x	y		x	y	
SLM	TYPE	0.7inch XGA			0.7inch XGA		
	PIXEL PITCH	13.8			13.8		
	PIXEL SIZE	13			13		
	NUMBER OF PIXELS USED	1024	256		1024	256	
	USED AREA SIZE	14.1312	3.5328		14.1312	3.5328	
	ILLUMINATION AREA SIZE	16	4		16	4	
LIGHT SOURCE	LIGHT SOURCE SIZE	mm	0.37		0.37	0.37	
	LIGHT SOURCE NA		0.2		0.2	0.2	
	ETENDUE	mm <sup>2</sup> ·str	0.0086895		0.0086895	0.0086895	
	LC FOCAL DISTANCE	mm	17.5		17.5	33.95	
OPTICAL SYSTEM	LENS-DMD INTERVAL	mm	70		70	367	
	ML1 NUMBER OF DIVISIONS		49			49	
	ML1 NUMBER OF CELLS	mm	3.5		14	3.5	
	ML1 CELL SIZE	mm	2		0.5	3.88	
	ML1 FOCAL DISTANCE	mm	8.75		8.75	88.9975	
	ML1 SIZE	mm	7		7	13.58	
	NA1		0.0105714		0.0105714	0.0054492	
	ML2 FOCAL DISTANCE	mm	7.7777778		7.7777778	71.627767	
	ML2 NUMBER OF CELLS		3.5		14	3.5	
	ML2 CELL SIZE	mm	2		0.5	3.88	
	SIZE OF LIGHT CONDENSED BY ML1	mm	0.185		0.185	0.9699286	
	OPTICAL MAGNIFICATION RATE		8		8	4.1237113	
	ILLUMINATION NAC		0.05		0.05	0.0185014	
	ILLUMINATION FNo.		10		10	27.025037	
	OVERALL LENGTH(LIGHT SOURCE-DMD)	mm	113.75		113.75	523.8975	

# TABLE 3

DIRECTION		LIGHT SOURCE ETENDUE : LARGE COMMON FLY-EYE LENS			LIGHT SOURCE ETENDUE : SMALL COMMON FLY-EYE LENS			LIGHT SOURCE ETENDUE : SMALL COMMON FLY-EYE LENS		
		x	y		x	y		x	y	
SLM	TYPE	0.7inch XGA			0.7inch XGA			0.7inch XGA		
	PIXEL PITCH	13.8			13.8			13.8		
	PIXEL SIZE	13			13			13		
	NUMBER OF PIXELS USED	1024	256		1024	256		1024	256	
	USED AREA SIZE	14.1312	3.5328		14.1312	3.5328		14.1312	3.5328	
	ILLUMINATION AREA SIZE	16	4		16	4		16	4	
LIGHT SOURCE	LIGHT SOURCE SIZE	5	5		0.37	0.37		0.37	0.37	
	LIGHT SOURCE NA	0.2	0.2		0.2	0.2		0.2	0.2	
	ETENDUE	1.5868265	1.5868265		0.0086895	0.0086895		0.0086895	0.0086895	
	LC FOCAL DISTANCE	87.5	87.5		87.5	87.5		87.5	87.5	
OPTICAL SYSTEM	LENS-DMD INTERVAL	70	70		350	350		945	945	
	ML1 NUMBER OF DIVISIONS	49			49			49		
	ML1 NUMBER OF CELLS	3.5	14		3.5	14		3.5	14	
	ML1 CELL SIZE	10	2.5		10	2.5		10	2.5	
	ML1 FOCAL DISTANCE	43.75	43.75		218.75	218.75		590.625	590.625	
	ML1 SIZE	35	35		35	35		35	35	
	NA1	0.0285714	0.0285714		0.0021143	0.0021143		0.0021143	0.0021143	
	ML2 FOCAL DISTANCE	26.923077	26.923077		134.61538	134.61538		363.46154	363.46154	
	ML2 NUMBER OF CELLS	3.5	14		3.5	14		3.5	14	
	ML2 CELL SIZE	10	2.5		10	2.5		10	2.5	
	SIZE OF LIGHT CONDENSED BY ML1	2.5	2.5		0.925	0.925		2.4975	2.4975	
	OPTICAL MAGNIFICATION RATE	1.6	1.6		1.6	1.6		1.6	1.6	
	ILLUMINATION NAC	0.25	0.25		0.05	0.05		0.0185185	0.0185185	
	ILLUMINATION FNo.	2	2		10	10		27	27	
	OVERALL LENGTH(LIGHT SOURCE-DMD)	288.75	288.75		743.75	743.75		1710.625	1710.625	